LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 4. (Canceled)

5. (currently amended) An isolated nucleic acid molecule comprising a nucleic acid sequence encoding a polypeptide ~~comprising~~ with an amino acid sequence comprising SEQ ID NO: 24. ~~selected from the group consisting of:~~

~~(a) a mature form of an amino acid sequence selected from the group consisting of SEQ ID NOS:2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, and 112;~~

~~(b) a variant of a mature form of an amino acid sequence selected from the group consisting of SEQ ID NOS:2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, and 112, wherein one or more amino acid residues in said variant differs from the amino acid sequence of said mature form, provided that said variant differs in no more than 15% of the amino acid residues from the amino acid sequence of said mature form;~~

~~(c) an amino acid sequence selected from the group consisting of SEQ ID NOS:2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, and 112;~~

~~(d) a variant of an amino acid sequence selected from the group consisting of SEQ ID NOS:2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, and 112, wherein one or more amino acid residues in said variant differs from the amino acid sequence of said mature form, provided that said variant differs in no more than 15% of amino acid residues from said amino acid sequence;~~

~~(e) a nucleic acid fragment encoding at least a portion of a polypeptide comprising an amino acid sequence chosen from the group consisting of SEQ ID NOS:2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, and 112, or a variant of said polypeptide, wherein one or more amino acid residues in said variant differs from the amino acid sequence of said mature form, provided that said variant differs in no more than 15% of amino acid residues from said amino acid sequence; and~~

~~(f) a nucleic acid molecule comprising the complement of (a), (b), (c), (d) or (e).~~

6. (original) The nucleic acid molecule of claim 5, wherein the nucleic acid molecule comprises the nucleotide sequence of a naturally-occurring allelic nucleic acid variant.

7. (original) The nucleic acid molecule of claim 5, wherein the nucleic acid molecule encodes a polypeptide comprising the amino acid sequence of a naturally-occurring polypeptide variant.

8. (currently amended) The nucleic acid molecule of claim 5, wherein the nucleic acid molecule differs by a single nucleotide from [[a]] the nucleic acid sequence ~~selected from the group consisting of SEQ ID NOS:1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109 and 111.~~ comprising SEQ ID NO: 23.

9. (currently amended) The nucleic acid molecule of claim 5, wherein said nucleic acid molecule ~~comprises~~ is a nucleotide sequence comprising SEQ ID NO: 23. ~~selected from the group consisting of~~

~~(a) a nucleotide sequence selected from the group consisting of SEQ ID NOS:1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109 and 111;~~

~~(b) a nucleotide sequence differing by one or more nucleotides from a nucleotide sequence selected from the group consisting of SEQ ID NOS:1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109 and 111, provided that no more than 20% of the nucleotides differ from said nucleotide sequence;~~

~~(c) a nucleic acid fragment of (a); and~~

~~(d) a nucleic acid fragment of (b).~~

10. (currently amended) ~~The nucleic acid molecule of claim 5, wherein said~~ An isolated nucleic acid molecule that hybridizes under stringent conditions to a nucleotide sequence ~~chosen from the group consisting of SEQ ID NOS:1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109 and 111,~~ comprising SEQ ID NO: 23, or a complement of said nucleotide sequence.

11. (canceled)

12. (currently amended) A vector comprising the nucleic acid molecule of ~~claim 11~~ claim 5.

13. (original) The vector of claim 12, further comprising a promoter operably-linked to said nucleic acid molecule.

14. (original) A cell comprising the vector of claim 12.

15. – 29. (canceled)

30. (original) A pharmaceutical composition comprising the nucleic acid molecule of claim 5 and a pharmaceutically-acceptable carrier.

31. – 32. (canceled)

33. (original) A kit comprising in one or more containers, the pharmaceutical composition of claim 30.

34. - 77. (canceled)

78. (new) A nucleic acid molecule of claim 5 wherein the nucleotide residue at position 225 is adenine or guanine.

79. (new) A nucleic acid molecule of claim 5 wherein the nucleotide residue at position 605 is guanine or adenine.

80. (new) A nucleic acid molecule of claim 5 wherein the nucleotide residue at position 615 is thymine or cytosine.

81. (new) An isolated nucleic acid molecule comprising a nucleic acid sequence encoding a polypeptide comprising an amino acid sequence that differs by a single amino acid residue from an amino acid sequence comprising SEQ ID NO: 24.

82. (new) The nucleic acid encoding the polypeptide of claim 81 wherein the amino acid residue at position 75 is glutamine or glycine.

83. (new) The nucleic acid encoding the polypeptide of claim 81 wherein the amino acid residue at position 202 is alanine or threonine.

84. (new) The nucleic acid encoding the polypeptide of claim 81 wherein the amino acid residue at position 205 is leucine or proline.